



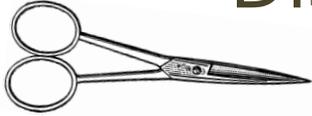
Dissection 101: Perch

PowerPoint Quiz (Teacher)

Perch Dissection Quiz: Complete the following questions.



1. Name the structure indicated. **Operculum**
2. What is a function of this structure? - **Bony flap that covers and protects the gills; opens and closes to help move (pump) water from the throat, across the gills, and then out the operculum**
3. Name the structure indicated. **Spleen**
4. Name the structure indicated. **Lateral line**
5. What is a function of this structure? – **Specialized sensory structure for detecting pressure changes/movement (Ex. vibration (waves) from movement of prey)**
6. Male, female or both?
A. Male B. Female C. Both
7. Name the structure indicated. **Liver**
8. What is a function of this structure? **Detoxifies blood and produces bile for fat digestion.**
9. Name the structure indicated. **Swim bladder**



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10. What is a function of this structure? **Large adjustable air-filled sac-like structure that changes the density of bony fish (Osteichthyes) resulting in increased buoyancy (not found in sharks).**
11. What is one distinguishing characteristic of perch (fish)?
- **Fins – Provide movement forward (propulsion), maneuverability (directional movement), and stabilization**
 - **Vertebrate – has backbone (spinal column)**
 - **Uses gills for respiration**
 - **Lives entire life in water**
12. Name the structure indicated. **Intestine**
13. What is the structure indicated? **Gills**
14. What is a function of this structure? **Feather-like structures (increased surface area); used to remove oxygen from water for respiration**
15. Name the specific fin and its function. **Caudal fin – movement forward (propulsion)**

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